

Rik Vandenberghe

List of Publications by Year in descending order

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Version: 2024-02-01

367
papers

30,535
citations

9264

74
h-index

5988

160
g-index

411
all docs

411
docs citations

411
times ranked

25480
citing authors

#	ARTICLE	IF	CITATIONS
1	Classification of primary progressive aphasia and its variants. <i>Neurology</i> , 2011, 76, 1006-1014.	1.1	3,885
2	Genetic meta-analysis of diagnosed Alzheimer's disease identifies new risk loci and implicates APOE, tau, immunity and lipid processing. <i>Nature Genetics</i> , 2019, 51, 414-430.	21.4	1,962
3	Null mutations in progranulin cause ubiquitin-positive frontotemporal dementia linked to chromosome 17q21. <i>Nature</i> , 2006, 442, 920-924.	27.8	1,386
4	Prevalence of Cerebral Amyloid Pathology in Persons Without Dementia. <i>JAMA - Journal of the American Medical Association</i> , 2015, 313, 1924.	7.4	1,166
5	Functional anatomy of a common semantic system for words and pictures. <i>Nature</i> , 1996, 383, 254-256.	27.8	1,151
6	Rare coding variants in PLCC2, ABI3, and TREM2 implicate microglial-mediated innate immunity in Alzheimer's disease. <i>Nature Genetics</i> , 2017, 49, 1373-1384.	21.4	783
7	New insights into the genetic etiology of Alzheimer's disease and related dementias. <i>Nature Genetics</i> , 2022, 54, 412-436.	21.4	700
8	¹⁸ F-flutemetamol amyloid imaging in Alzheimer disease and mild cognitive impairment: A phase 2 trial. <i>Annals of Neurology</i> , 2010, 68, 319-329.	5.3	582
9	A C9orf72 promoter repeat expansion in a Flanders-Belgian cohort with disorders of the frontotemporal lobar degeneration-amyotrophic lateral sclerosis spectrum: a gene identification study. <i>Lancet Neurology</i> , 2012, 11, 54-65.	10.2	565
10	Randomized Trial of Verubecestat for Mild-to-Moderate Alzheimer's Disease. <i>New England Journal of Medicine</i> , 2018, 378, 1691-1703.	27.0	512
11	Prevalence of Amyloid PET Positivity in Dementia Syndromes. <i>JAMA - Journal of the American Medical Association</i> , 2015, 313, 1939.	7.4	501
12	Consensus classification of posterior cortical atrophy. <i>Alzheimer's and Dementia</i> , 2017, 13, 870-884.	0.8	423
13	Disrupted temporal lobe connections in semantic dementia. <i>Brain</i> , 1999, 122, 61-73.	7.6	403
14	The neural systems sustaining face and proper-name processing. <i>Brain</i> , 1998, 121, 2103-2118.	7.6	402
15	CSF biomarker variability in the Alzheimer's Association quality control program. <i>Alzheimer's and Dementia</i> , 2013, 9, 251-261.	0.8	344
16	The Response of Left Temporal Cortex to Sentences. <i>Journal of Cognitive Neuroscience</i> , 2002, 14, 550-560.	2.3	330
17	Increased expression of BIN1 mediates Alzheimer genetic risk by modulating tau pathology. <i>Molecular Psychiatry</i> , 2013, 18, 1225-1234.	7.9	321
18	Amyloid imaging in cognitively normal individuals, at-risk populations and preclinical Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2013, 2, 356-365.	2.7	297

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19	Phase 1 Study of the Pittsburgh Compound B Derivative ¹⁸ F-Flutemetamol in Healthy Volunteers and Patients with Probable Alzheimer Disease. <i>Journal of Nuclear Medicine</i> , 2009, 50, 1251-1259.	5.0	273
20	Orienting Attention to Locations in Perceptual Versus Mental Representations. <i>Journal of Cognitive Neuroscience</i> , 2004, 16, 363-373.	2.3	264
21	The importance of appropriate partial volume correction for PET quantification in Alzheimer's disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2011, 38, 1104-1119.	6.4	262
22	A Pan-European Study of the C9orf72 Repeat Associated with FTLD: Geographic Prevalence, Genomic Instability, and Intermediate Repeats. <i>Human Mutation</i> , 2013, 34, 363-373.	2.5	247
23	Phase 3 Trial of Flutemetamol Labeled With Radioactive Fluorine 18 Imaging and Neuritic Plaque Density. <i>JAMA Neurology</i> , 2015, 72, 287.	9.0	238
24	Functional Specificity of Superior Parietal Mediation of Spatial Shifting. <i>NeuroImage</i> , 2001, 14, 661-673.	4.2	213
25	Bapineuzumab for mild to moderate Alzheimer's disease in two global, randomized, phase 3 trials. <i>Alzheimer's Research and Therapy</i> , 2016, 8, 18.	6.2	208
26	Neurofilament light chain: a biomarker for genetic frontotemporal dementia. <i>Annals of Clinical and Translational Neurology</i> , 2016, 3, 623-636.	3.7	207
27	Whole-Body Biodistribution and Radiation Dosimetry of ¹⁸ F-GE067: A Radioligand for In Vivo Brain Amyloid Imaging. <i>Journal of Nuclear Medicine</i> , 2009, 50, 818-822.	5.0	200
28	Genetic contribution of FUS to frontotemporal lobar degeneration. <i>Neurology</i> , 2010, 74, 366-371.	1.1	197
29	Serum biomarker for progranulin-associated frontotemporal lobar degeneration. <i>Annals of Neurology</i> , 2009, 65, 603-609.	5.3	195
30	Alzheimer risk associated with a copy number variation in the complement receptor 1 increasing C3b/C4b binding sites. <i>Molecular Psychiatry</i> , 2012, 17, 223-233.	7.9	179
31	The kinetic occipital region in human visual cortex. <i>Cerebral Cortex</i> , 1997, 7, 283-292.	2.9	178
32	Age at symptom onset and death and disease duration in genetic frontotemporal dementia: an international retrospective cohort study. <i>Lancet Neurology</i> , The, 2020, 19, 145-156.	10.2	175
33	Automated Quantification of ¹⁸ F-Flutemetamol PET Activity for Categorizing Scans as Negative or Positive for Brain Amyloid: Concordance with Visual Image Reads. <i>Journal of Nuclear Medicine</i> , 2014, 55, 1623-1628.	5.0	174
34	A European multicentre PET study of fibrillar amyloid in Alzheimer's disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2013, 40, 104-114.	6.4	170
35	Neurofilament markers for ALS correlate with extent of upper and lower motor neuron disease. <i>Neurology</i> , 2017, 88, 2302-2309.	1.1	169
36	Investigating the role of rare heterozygous TREM2 variants in Alzheimer's disease and frontotemporal dementia. <i>Neurobiology of Aging</i> , 2014, 35, 726.e11-726.e19.	3.1	158

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37	Recommendations to distinguish behavioural variant frontotemporal dementia from psychiatric disorders. <i>Brain</i> , 2020, 143, 1632-1650.	7.6	158
38	Loss of <i>TBK1</i> is a frequent cause of frontotemporal dementia in a Belgian cohort. <i>Neurology</i> , 2015, 85, 2116-2125.	1.1	151
39	Remapping Attentional Priorities: Differential Contribution of Superior Parietal Lobule and Intraparietal Sulcus. <i>Cerebral Cortex</i> , 2007, 17, 2703-2712.	2.9	150
40	Alzheimer and Parkinson Diagnoses in Progranulin Null Mutation Carriers in an Extended Founder Family. <i>Archives of Neurology</i> , 2007, 64, 1436.	4.5	143
41	Common variants in Alzheimer's disease and risk stratification by polygenic risk scores. <i>Nature Communications</i> , 2021, 12, 3417.	12.8	140
42	Reduced expression of hsa-miR-27a-3p in CSF of patients with Alzheimer disease. <i>Neurology</i> , 2013, 81, 2103-2106.	1.1	139
43	Inflammatory biomarkers in Alzheimer's disease plasma. <i>Alzheimer's and Dementia</i> , 2019, 15, 776-787.	0.8	134
44	Association of Cerebral Amyloid- β Aggregation With Cognitive Functioning in Persons Without Dementia. <i>JAMA Psychiatry</i> , 2018, 75, 84.	11.0	133
45	Prevalence of amyloid- β pathology in distinct variants of primary progressive aphasia. <i>Annals of Neurology</i> , 2018, 84, 729-740.	5.3	132
46	CHMP2B C-truncating mutations in frontotemporal lobar degeneration are associated with an aberrant endosomal phenotype in vitro. <i>Human Molecular Genetics</i> , 2008, 17, 313-322.	2.9	131
47	Attention to One or Two Features in Left or Right Visual Field: A Positron Emission Tomography Study. <i>Journal of Neuroscience</i> , 1997, 17, 3739-3750.	3.6	130
48	Serum neurofilament light chain in genetic frontotemporal dementia: a longitudinal, multicentre cohort study. <i>Lancet Neurology</i> , The, 2019, 18, 1103-1111.	10.2	128
49	Mutations in ABCA7 in a Belgian cohort of Alzheimer's disease patients: a targeted resequencing study. <i>Lancet Neurology</i> , The, 2015, 14, 814-822.	10.2	124
50	Lesion evidence for the critical role of the intraparietal sulcus in spatial attention. <i>Brain</i> , 2011, 134, 1694-1709.	7.6	122
51	A motion area in human visual cortex.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 993-997.	7.1	121
52	The influence of stimulus location on the brain activation pattern in detection and orientation discrimination: A PET study of visual attention. <i>Brain</i> , 1996, 119, 1263-1276.	7.6	117
53	Mutations other than null mutations producing a pathogenic loss of progranulin in frontotemporal dementia. <i>Human Mutation</i> , 2007, 28, 416-416.	2.5	116
54	Similarity of fMRI Activity Patterns in Left Perirhinal Cortex Reflects Semantic Similarity between Words. <i>Journal of Neuroscience</i> , 2013, 33, 18597-18607.	3.6	115

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55	TMEM106B is associated with frontotemporal lobar degeneration in a clinically diagnosed patient cohort. <i>Brain</i> , 2011, 134, 808-815.	7.6	110
56	Plasma glial fibrillary acidic protein is raised in progranulin-associated frontotemporal dementia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 263-270.	1.9	106
57	Genetic Creutzfeldt-Jakob disease associated with the E200K mutation: characterization of a complex proteinopathy. <i>Acta Neuropathologica</i> , 2011, 121, 39-57.	7.7	105
58	Active A β immunotherapy CAD106 in Alzheimer's disease: A phase 2b study. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2017, 3, 10-22.	3.7	102
59	Reproducibility of PET Activation Studies: Lessons from a Multi-Center European Experiment. <i>NeuroImage</i> , 1996, 4, 34-54.	4.2	99
60	Amyloid precursor protein mutation E682K at the alternative β -secretase cleavage site increases A β generation. <i>EMBO Molecular Medicine</i> , 2011, 3, 291-302.	6.9	97
61	Prevalence Estimates of Amyloid Abnormality Across the Alzheimer Disease Clinical Spectrum. <i>JAMA Neurology</i> , 2022, 79, 228.	9.0	97
62	Orchiectomy for suspected microscopic tumor in patients with anti-Ma2-associated encephalitis. <i>Neurology</i> , 2007, 68, 900-905.	1.1	96
63	A single nucleotide polymorphism Alzheimer's disease risk score correlates with family history, onset age, and cerebrospinal fluid A β ₄₂ . <i>Alzheimer's and Dementia</i> , 2015, 11, 1452-1460.	0.8	96
64	Spatial attention deficits in humans: The critical role of superior compared to inferior parietal lesions. <i>Neuropsychologia</i> , 2012, 50, 1092-1103.	1.6	95
65	Rare mutations in SQSTM1 modify susceptibility to frontotemporal lobar degeneration. <i>Acta Neuropathologica</i> , 2014, 128, 397-410.	7.7	93
66	Brain Imaging of Alzheimer Dementia Patients and Elderly Controls with ¹⁸ F-MK-6240, a PET Tracer Targeting Neurofibrillary Tangles. <i>Journal of Nuclear Medicine</i> , 2019, 60, 107-114.	5.0	92
67	Necrosome complex detected in granulovacuolar degeneration is associated with neuronal loss in Alzheimer's disease. <i>Acta Neuropathologica</i> , 2020, 139, 463-484.	7.7	91
68	Cerebrospinal fluid biomarkers of neurodegeneration, synaptic integrity, and astroglial activation across the clinical Alzheimer's disease spectrum. <i>Alzheimer's and Dementia</i> , 2019, 15, 644-654.	0.8	90
69	Pathophysiological subtypes of Alzheimer's disease based on cerebrospinal fluid proteomics. <i>Brain</i> , 2020, 143, 3776-3792.	7.6	89
70	A Belgian ancestral haplotype harbours a highly prevalent mutation for 17q21-linked tau-negative FTL. <i>Brain</i> , 2006, 129, 841-852.	7.6	88
71	<i>TBK1</i> Mutation Spectrum in an Extended European Patient Cohort with Frontotemporal Dementia and Amyotrophic Lateral Sclerosis. <i>Human Mutation</i> , 2017, 38, 297-309.	2.5	87
72	Positron emission tomography, magnetic resonance imaging and proton NMR spectroscopy of white matter in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 1997, 3, 8-17.	3.0	86

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73	Parcellation of parietal cortex: Convergence between lesion-symptom mapping and mapping of the intact functioning brain. <i>Behavioural Brain Research</i> , 2009, 199, 171-182.	2.2	86
74	Clinical features of <i>TBK1</i> carriers compared with <i>C9orf72</i> , <i>GRN</i> and non-mutation carriers in a Belgian cohort. <i>Brain</i> , 2016, 139, 452-467.	7.6	86
75	Amyloid PET in clinical practice: Its place in the multidimensional space of Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2013, 2, 497-511.	2.7	85
76	Distinct Clinical Characteristics of <i>C9orf72</i> Expansion Carriers Compared With <i>GRN</i> , <i>MAPT</i> , and Nonmutation Carriers in a Flanders-Belgian FTD Cohort. <i>JAMA Neurology</i> , 2013, 70, 365.	9.0	85
77	Clinical heterogeneity in 3 unrelated families linked to <i>VCP</i> p.Arg159His. <i>Neurology</i> , 2009, 73, 626-632.	1.1	84
78	Both common variations and rare non-synonymous substitutions and small insertion/deletions in <i>CLU</i> are associated with increased Alzheimer risk. <i>Molecular Neurodegeneration</i> , 2012, 7, 3.	10.8	77
79	A β ² -induced acceleration of Alzheimer-related β -pathology spreading and its association with prion protein. <i>Acta Neuropathologica</i> , 2019, 138, 913-941.	7.7	75
80	Location- or Feature-Based Targeting of Peripheral Attention. <i>NeuroImage</i> , 2001, 14, 37-47.	4.2	74
81	DLB and PDD: a role for mutations in dementia and Parkinson disease genes?. <i>Neurobiology of Aging</i> , 2012, 33, 629.e5-629.e18.	3.1	73
82	Preclinical Evaluation of ¹⁸ F-JNJ64349311, a Novel PET Tracer for Tau Imaging. <i>Journal of Nuclear Medicine</i> , 2017, 58, 975-981.	5.0	72
83	A metabolite-based machine learning approach to diagnose Alzheimer-type dementia in blood: Results from the European Medical Information Framework for Alzheimer disease biomarker discovery cohort. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2019, 5, 933-938.	3.7	70
84	Gesture Discrimination in Primary Progressive Aphasia: The Intersection between Gesture and Language Processing Pathways. <i>Journal of Neuroscience</i> , 2010, 30, 6334-6341.	3.6	68
85	An intronic VNTR affects splicing of <i>ABCA7</i> and increases risk of Alzheimer's disease. <i>Acta Neuropathologica</i> , 2018, 135, 827-837.	7.7	68
86	Neuronal inclusion protein TDP-43 has no primary genetic role in FTD and ALS. <i>Neurobiology of Aging</i> , 2009, 30, 1329-1331.	3.1	67
87	Visualisation of loss of 5-HT _{2A} receptors with age in healthy volunteers using [¹⁸ F]altanserin and positron emission tomographic imaging. <i>Psychiatry Research - Neuroimaging</i> , 1996, 68, 11-22.	1.8	65
88	<i>C9orf72</i> G4C2 repeat expansions in Alzheimer's disease and mild cognitive impairment. <i>Neurobiology of Aging</i> , 2013, 34, 1712.e1-1712.e7.	3.1	65
89	Lesion neuroanatomy of the Sustained Attention to Response task. <i>Neuropsychologia</i> , 2009, 47, 2866-2875.	1.6	64
90	Microglial Upregulation of Progranulin as a Marker of Motor Neuron Degeneration. <i>Journal of Neuropathology and Experimental Neurology</i> , 2010, 69, 1191-1200.	1.7	64

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91	Covert Shifts of Spatial Attention in the Macaque Monkey. <i>Journal of Neuroscience</i> , 2015, 35, 7695-7714.	3.6	64
92	MRI predictors of amyloid pathology: results from the EMIF-AD Multimodal Biomarker Discovery study. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 100.	6.2	64
93	Knowledge of visual attributes in the right hemisphere. <i>Nature Neuroscience</i> , 2006, 9, 964-970.	14.8	63
94	Word Reading and Posterior Temporal Dysfunction in Amnesic Mild Cognitive Impairment. <i>Cerebral Cortex</i> , 2006, 17, 542-551.	2.9	63
95	Å amyloid deposition in the language system and how the brain responds. <i>Brain</i> , 2007, 130, 2055-2069.	7.6	63
96	Blood Flow in Human Anterior Temporal Cortex Decreases with Stimulus Familiarity. <i>NeuroImage</i> , 1995, 2, 306-313.	4.2	62
97	Alzheimer dementia caused by a novel mutation located in the APP C-terminal intracytosolic fragment. <i>Human Mutation</i> , 2006, 27, 888-896.	2.5	62
98	Restoration of Progranulin Expression Rescues Cortical Neuron Generation in an Induced Pluripotent Stem Cell Model of Frontotemporal Dementia. <i>Stem Cell Reports</i> , 2015, 4, 16-24.	4.8	62
99	The EMIF-AD Multimodal Biomarker Discovery study: design, methods and cohort characteristics. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 64.	6.2	62
100	Primary fatty amides in plasma associated with brain amyloid burden, hippocampal volume, and memory in the European Medical Information Framework for Alzheimer's Disease biomarker discovery cohort. <i>Alzheimer's and Dementia</i> , 2019, 15, 817-827.	0.8	62
101	Attentional responses to unattended stimuli in human parietal cortex. <i>Brain</i> , 2005, 128, 2843-2857.	7.6	61
102	Core auditory processing deficits in primary progressive aphasia. <i>Brain</i> , 2016, 139, 1817-1829.	7.6	60
103	Investigating the role of ALS genes CHCHD10 and TUBA4A in Belgian FTD-ALS spectrum patients. <i>Neurobiology of Aging</i> , 2017, 51, 177.e9-177.e16.	3.1	60
104	No Association of Lower Hippocampal Volume With Alzheimer's Disease Pathology in Late-Life Depression. <i>American Journal of Psychiatry</i> , 2017, 174, 237-245.	7.2	59
105	APP Processing in Human Pluripotent Stem Cell-Derived Neurons Is Resistant to NSAID-Based β -Secretase Modulation. <i>Stem Cell Reports</i> , 2013, 1, 491-498.	4.8	58
106	Comparison of Different Generalizations of Clustering Coefficient and Local Efficiency for Weighted Undirected Graphs. <i>Neural Computation</i> , 2017, 29, 313-331.	2.2	58
107	Prevalence of the apolipoprotein E ϵ 4 allele in amyloid β positive subjects across the spectrum of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2018, 14, 913-924.	0.8	58
108	Comparison of ELISA- and SIMOA-based quantification of plasma β ratios for early detection of cerebral amyloidosis. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 162.	6.2	58

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109	Distinct molecular patterns of TDP-43 pathology in Alzheimer's disease: relationship with clinical phenotypes. <i>Acta Neuropathologica Communications</i> , 2020, 8, 61.	5.2	58
110	Attentional priorities and access to short-term memory: Parietal interactions. <i>NeuroImage</i> , 2012, 62, 1551-1562.	4.2	57
111	Performance of [¹⁸ F]flutemetamol amyloid imaging against the neuritic plaque component of CERAD and the current (2012) NIA-AA recommendations for the neuropathologic diagnosis of Alzheimer's disease. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2017, 9, 25-34.	2.4	57
112	Convergence between Lesion-Symptom Mapping and Functional Magnetic Resonance Imaging of Spatially Selective Attention in the Intact Brain. <i>Journal of Neuroscience</i> , 2008, 28, 3359-3373.	3.6	56
113	Binary classification of 18F-flutemetamol PET using machine learning: Comparison with visual reads and structural MRI. <i>NeuroImage</i> , 2013, 64, 517-525.	4.2	56
114	Clinical Evidence of Disease Anticipation in Families Segregating a C9orf72 Repeat Expansion. <i>JAMA Neurology</i> , 2017, 74, 445.	9.0	56
115	Neuronal pentraxin 2: a synapse-derived CSF biomarker in genetic frontotemporal dementia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 612-621.	1.9	55
116	Anterior temporal laterality in primary progressive aphasia shifts to the right. <i>Annals of Neurology</i> , 2005, 58, 362-370.	5.3	54
117	Combination of Biomarkers: PET [¹⁸ F]Flutemetamol Imaging and Structural MRI in Dementia and Mild Cognitive Impairment. <i>Neurodegenerative Diseases</i> , 2012, 10, 246-249.	1.4	52
118	Plasma Neurofilament Light for Prediction of Disease Progression in Familial Frontotemporal Lobar Degeneration. <i>Neurology</i> , 2021, 96, e2296-e2312.	1.1	52
119	Amyloid positron emission tomography with [¹⁸ F]flutemetamol and structural magnetic resonance imaging in the classification of mild cognitive impairment and Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2013, 9, 295-301.	0.8	51
120	Classification of the primary progressive aphasias: principles and review of progress since 2011. <i>Alzheimer's Research and Therapy</i> , 2016, 8, 16.	6.2	49
121	Human brain activity related to speed discrimination tasks. <i>Experimental Brain Research</i> , 1998, 122, 9-22.	1.5	48
122	Polymorphism of brain derived neurotrophic factor influences β amyloid load in cognitively intact apolipoprotein E ϵ 4 carriers. <i>NeuroImage: Clinical</i> , 2013, 2, 512-520.	2.7	47
123	Diagnostic value of cerebrospinal fluid β ratios in preclinical Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2015, 7, 75.	6.2	47
124	Impaired recognition of body expressions in the behavioral variant of frontotemporal dementia. <i>Neuropsychologia</i> , 2015, 75, 496-504.	1.6	47
125	Metabolic patterns across core features in dementia with lewy bodies. <i>Annals of Neurology</i> , 2019, 85, 715-725.	5.3	47
126	Maintaining and Shifting Attention within Left or Right Hemifield. <i>Cerebral Cortex</i> , 2000, 10, 706-713.	2.9	46

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127	Reduced secreted clusterin as a mechanism for Alzheimer-associated CLU mutations. <i>Molecular Neurodegeneration</i> , 2015, 10, 30.	10.8	46
128	Discovery and validation of plasma proteomic biomarkers relating to brain amyloid burden by SOMAscan assay. <i>Alzheimer's and Dementia</i> , 2019, 15, 1478-1488.	0.8	46
129	Characterization of Ubiquitinated Intraneuronal Inclusions in a Novel Belgian Frontotemporal Lobar Degeneration Family. <i>Journal of Neuropathology and Experimental Neurology</i> , 2006, 65, 289-301.	1.7	45
130	Use of Multimodal Imaging and Clinical Biomarkers in Presymptomatic Carriers of <i>C9orf72</i> Repeat Expansion. <i>JAMA Neurology</i> , 2020, 77, 1008.	9.0	45
131	Autoimmune-mediated encephalitis. <i>Neuroradiology</i> , 2011, 53, 837-851.	2.2	44
132	Treatment results in primary intraspinal gliomas. <i>Radiotherapy and Oncology</i> , 1993, 29, 294-300.	0.6	43
133	Cross-modal representation of spoken and written word meaning in left pars triangularis. <i>NeuroImage</i> , 2017, 150, 292-307.	4.2	42
134	Metabolic Correlates of Dopaminergic Loss in Dementia with Lewy Bodies. <i>Movement Disorders</i> , 2020, 35, 595-605.	3.9	42
135	Genome-wide association study of Alzheimer's disease CSF biomarkers in the EMIF-AD Multimodal Biomarker Discovery dataset. <i>Translational Psychiatry</i> , 2020, 10, 403.	4.8	42
136	Progression of Behavioral Disturbances and Neuropsychiatric Symptoms in Patients With Genetic Frontotemporal Dementia. <i>JAMA Network Open</i> , 2021, 4, e2030194.	5.9	42
137	Amyloid imaging in cognitively normal older adults: comparison between 18F-flutemetamol and 11C-Pittsburgh compound B. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 142-151.	6.4	41
138	A 3D deep learning model to predict the diagnosis of dementia with Lewy bodies, Alzheimer's disease, and mild cognitive impairment using brain 18F-FDG PET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 563-584.	6.4	41
139	The associative-semantic network for words and pictures: Effective connectivity and graph analysis. <i>Brain and Language</i> , 2013, 127, 264-272.	1.6	40
140	Functional dissociation between anterior temporal lobe and inferior frontal gyrus in the processing of dynamic body expressions: Insights from behavioral variant frontotemporal dementia. <i>Human Brain Mapping</i> , 2016, 37, 4472-4486.	3.6	39
141	Association of Plasma p-tau181 and p-tau231 Concentrations With Cognitive Decline in Patients With Probable Dementia With Lewy Bodies. <i>JAMA Neurology</i> , 2022, 79, 32.	9.0	38
142	Comparison of New Tau PET-Tracer Candidates With [¹⁸ F]T808 and [¹⁸ F]T807. <i>Molecular Imaging</i> , 2016, 15, 153601211562492.	1.4	37
143	Attention Shifts Recruit the Monkey Default Mode Network. <i>Journal of Neuroscience</i> , 2018, 38, 1202-1217.	3.6	37
144	Loss of DPP6 in neurodegenerative dementia: a genetic player in the dysfunction of neuronal excitability. <i>Acta Neuropathologica</i> , 2019, 137, 901-918.	7.7	37

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145	A β profiles generated by Alzheimer's disease causing PSEN1 variants determine the pathogenicity of the mutation and predict age at disease onset. <i>Molecular Psychiatry</i> , 2022, 27, 2821-2832.	7.9	37
146	Reversible posterior leucoencephalopathy during oral treatment with methotrexate. <i>Journal of Neurology</i> , 2004, 251, 226-228.	3.6	36
147	Explorative genetic study of UBQLN2 and PFN1 in an extended Flanders-Belgian cohort of frontotemporal lobar degeneration patients. <i>Neurobiology of Aging</i> , 2013, 34, 1711.e1-1711.e5.	3.1	36
148	Redefining the resolution of semantic knowledge in the brain: Advances made by the introduction of models of semantics in neuroimaging. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 103, 3-13.	6.1	36
149	Brain functional network integrity sustains cognitive function despite atrophy in presymptomatic genetic frontotemporal dementia. <i>Alzheimer's and Dementia</i> , 2021, 17, 500-514.	0.8	36
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